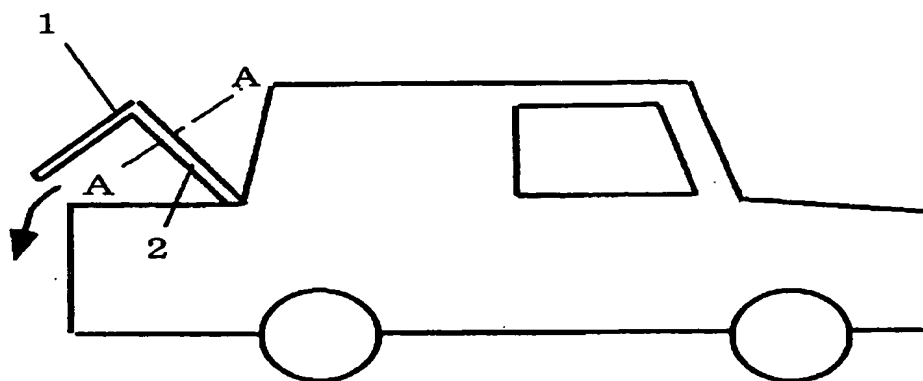
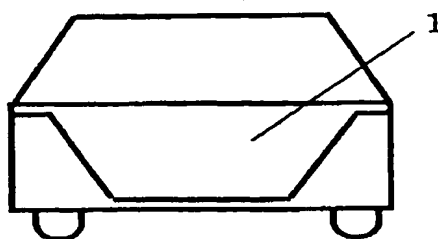


FIG. 1 (a)



1: TRUNK LID
2: PRESSURE SENSOR

FIG. 1 (b)



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FIG. 2 (a)

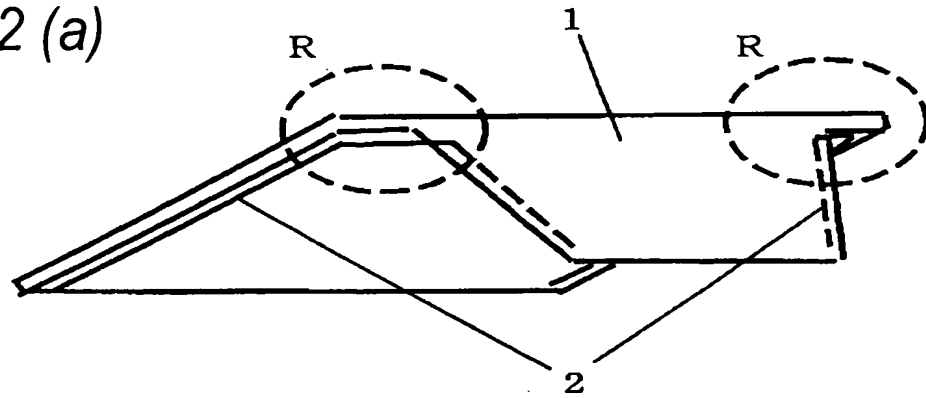


FIG. 2 (b)

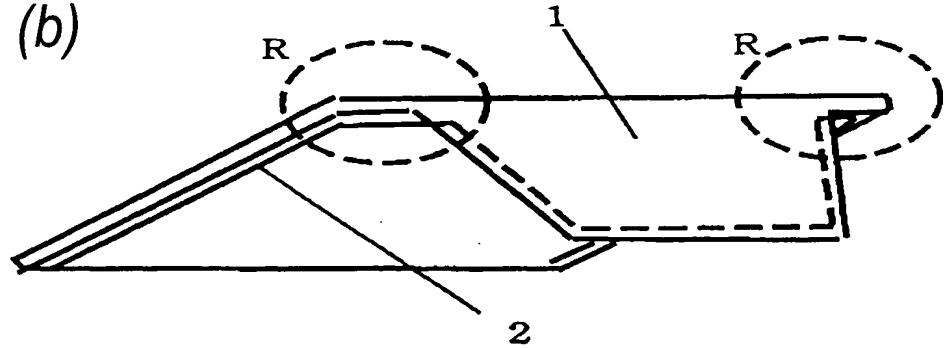
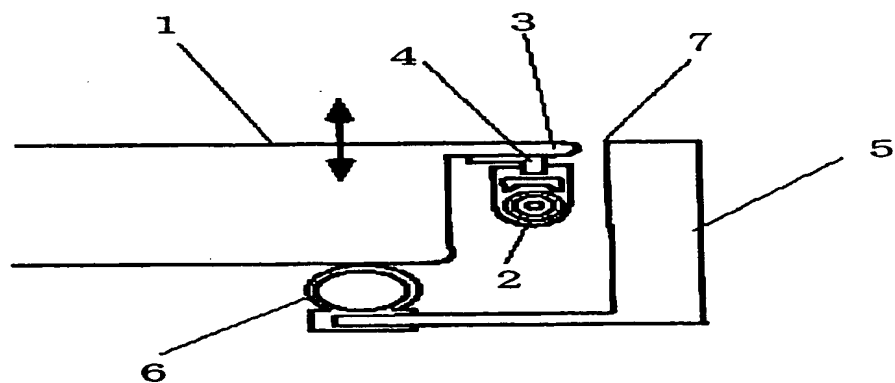


FIG. 3 (a)



7: BODY OPENING SENSOR

FIG. 3 (b)

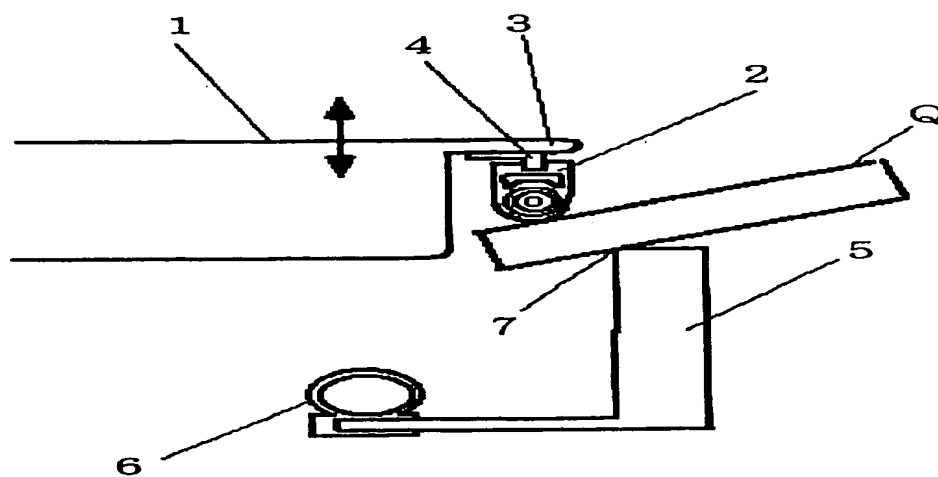
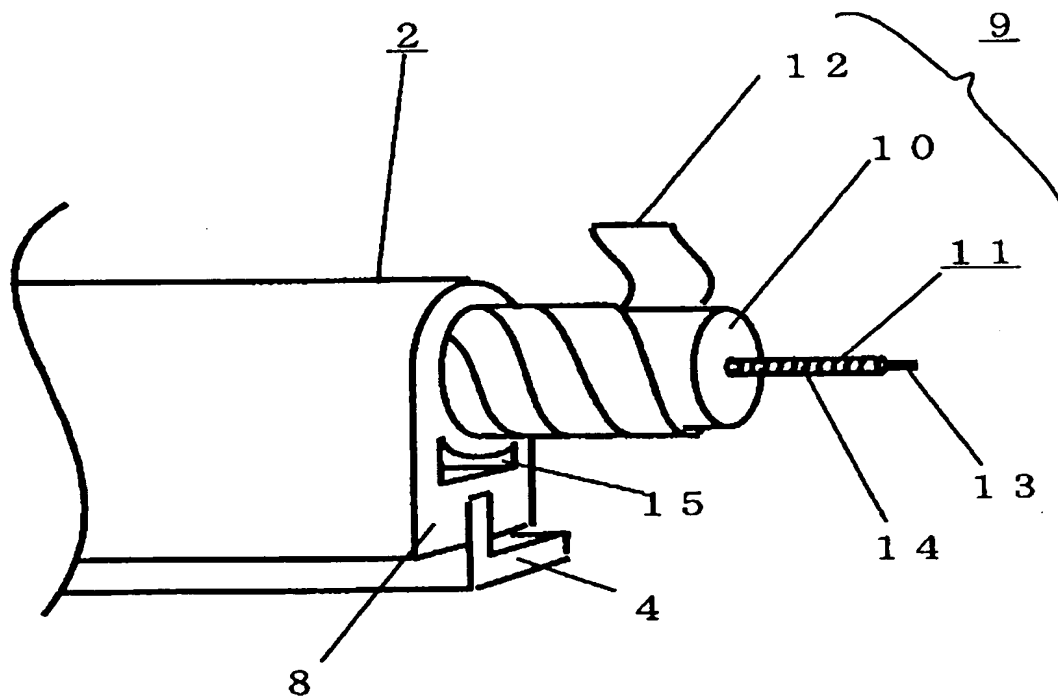


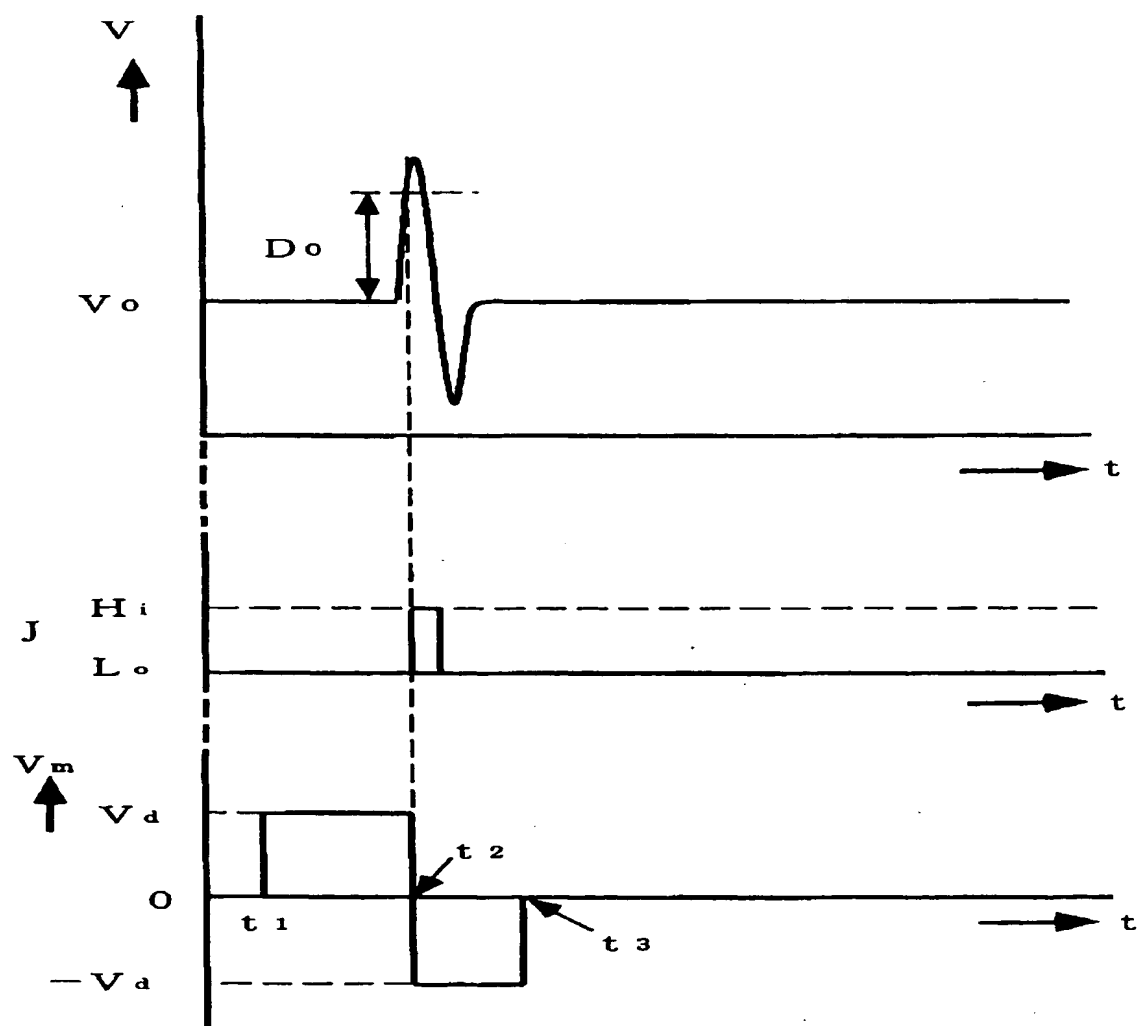
FIG. 4



9 : PIEZOELECTRIC SENSOR

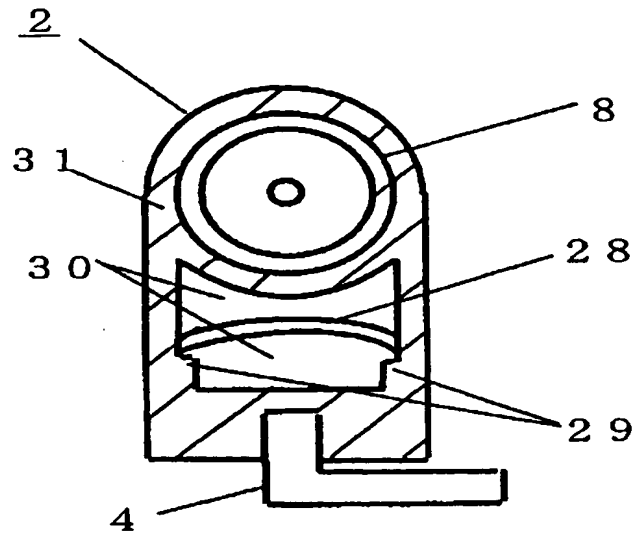
1 4 : CUSHIONING SECTION

FIG. 6



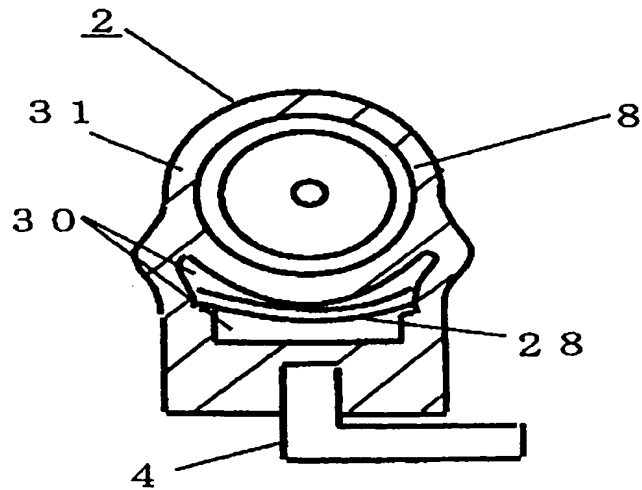
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FIG. 7 (a)



2 8 : NONLINEAR FLEXIBLE MEMBER
3 0 : CUSHIONING SECTION

FIG. 7 (b)



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FIG. 8

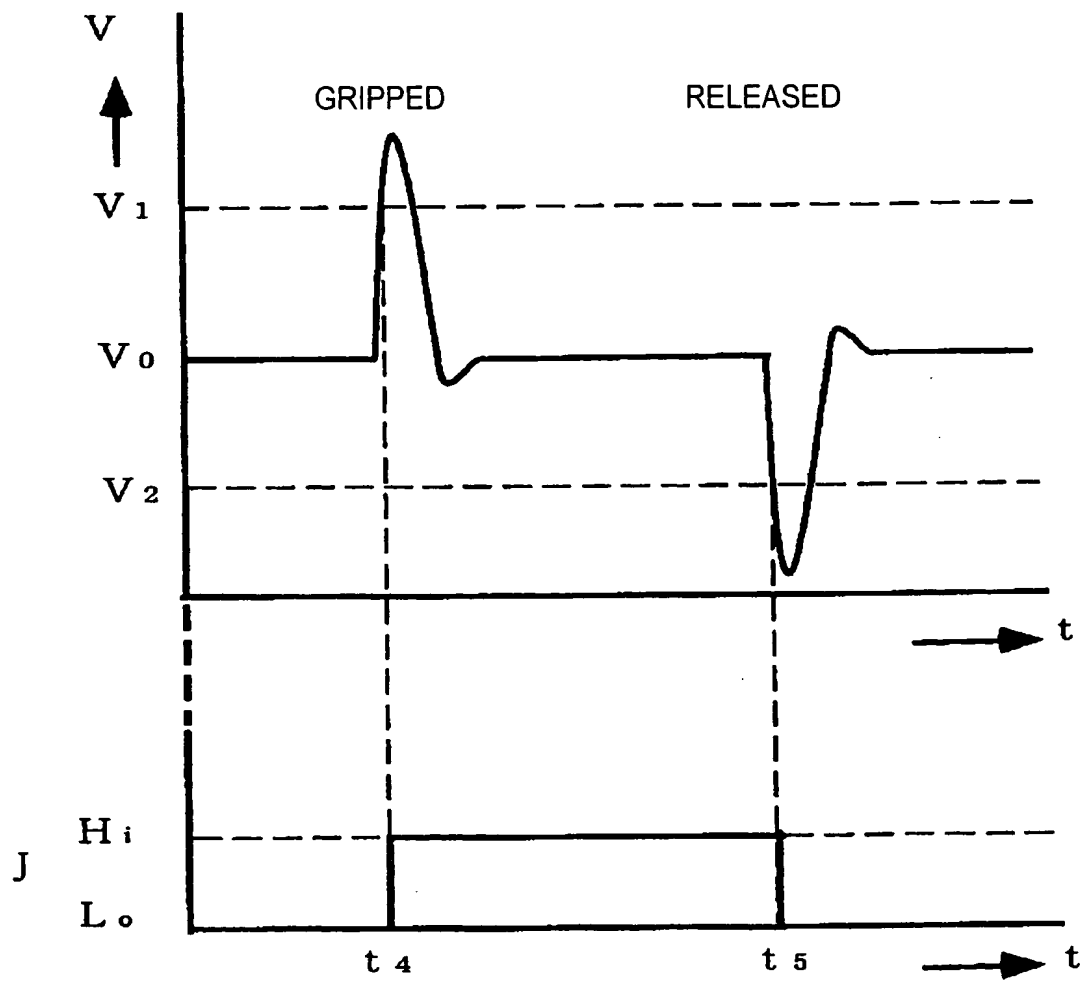


FIG. 9

